

Billing Management X Billing Management X WhatsApp X Remote Desktop Soft X VPC Management Co X Billing Management X AWS Cloud Computin X

ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateVpc:

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Creates a tag with a key of 'Name' and a value that you specify.
mynewvpc123
IPv4 CIDR block Info
40.0.0.0/16
IPv6 CIDR block Info
☒ No IPv6 CIDR block
☐ Amazon-provided IPv6 CIDR block
☐ IPv6 CIDR owned by me
Tenancy Info
Default

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key	Value - optional	
<input type="text" value="Name"/>	<input type="text" value="mynewvpc123"/>	Remove

Add new tag

You can add 49 more tags.

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateInternetGateway:

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Create internet gateway [Info](#)

An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.

Internet gateway settings

Name tag
Creates a tag with a key of 'Name' and a value that you specify.

Tags - optional

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key	Value - optional	
<input type="text" value="Name"/>	<input type="text" value="mynewigw123"/>	<button>Remove</button>

Add new tag

You can add 49 more tags.

CancelCreate internet gateway

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#AttachInternetGateway:internetGatewayId=igw-0e06216cb9d9ad9a0

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VPC > Internet gateways > Attach to VPC (igw-0e06216cb9d9ad9a0)

Attach to VPC (igw-0e06216cb9d9ad9a0) Info

VPC

Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.

Available VPCs

Attach the internet gateway to this VPC.

Q vpc-02881f9c51294356b X

► AWS Command Line Interface command

Cancel Attach internet gateway

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#InternetGateway:internetGatewayId=igw-0e06216cb9d9ad9a0

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EC2 Global View

Filter by VPC:

Select a VPC

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Peering

Internet gateway igw-0e06216cb9d9ad9a0 successfully attached to vpc-02881f9c51294356b

VPC > Internet gateways > igw-0e06216cb9d9ad9a0

igw-0e06216cb9d9ad9a0 / mynewigw123

Details Info

Internet gateway ID

igw-0e06216cb9d9ad9a0

State

Attached

VPC ID

vpc-02881f9c51294356b | mynewvpc123

Owner

825592371974

Tags

Search tags

Manage tags

Key

Value

Name

mynewigw123

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateSubnet:

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VPC ID

Create subnets in this VPC.

vpc-02881f9c51294356b (mynewvpc123)

Associated VPC CIDRs

IPv4 CIDRs

40.0.0.0/16

Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Subnet name

Create a tag with a key of 'Name' and a value that you specify.

mynewsubnet123

The name can be up to 255 characters long.

Availability Zone Info

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

No preference

IPv4 CIDR block Info

40.0.0.0/24

Tags - optional

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#subnets:SubnetId=subnet-0c96fb2f0d6c4a64d

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You have successfully created 1 subnet: subnet-0c96fb2f0d6c4a64d

Subnets (1)

Filter subnets

Subnet ID: subnet-0c96fb2f0d6c4a64d

Clear filters

	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	mynewsubnet123	subnet-0c96fb2f0d6c4a64d	Available	vpc-02881f9c51294356b my...	40.0.0.0/24	-

Select a subnet

Create subnet

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Subnets (1)

Filter subnets

Subnet ID: subnet-0c96fb2f0d6c4a64d

Clear filters

	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	mynewsubnet123	subnet-0c96fb2f0d6c4a64d	Available	vpc-02881f9c51294356b my...	40.0.0.0/24	-

Select a subnet

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#ModifyAutoAssignIpSettings:subnetId=subnet-0c96fb2f0d6c4a64d

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VPC > Subnets > subnet-0c96fb2f0d6c4a64d > Modify auto-assign IP settings

Modify auto-assign IP settings

Enable the auto-assign IP address setting to automatically request a public IPv4 or IPv6 address for a new network interface in this subnet.

Settings

Subnet ID

subnet-0c96fb2f0d6c4a64d

Auto-assign IPv4

☒ Enable auto-assign public IPv4 address

Auto-assign customer-owned IPv4 address

☐ Enable auto-assign customer-owned IPv4 address

Option disabled because no customer owned pools found.

Cancel

Save

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Route table settings

Name - optional

Create a tag with a key of 'Name' and a value that you specify.

mynewroutetable123

VPC

The VPC to use for this route table.

vpc-02881f9c51294356b (mynewvpc123)

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key

Value - optional

Q Name X Q mynewroutetable123 X Remove

Add new tag

You can add 49 more tags.

Cancel

Create route table

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#RouteTableDetails:RouteTableId=rtb-067724e9d3094c2ac

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Peering

Route table rtb-067724e9d3094c2ac | mynewroutetable123 was created successfully.

VPC > Route tables > rtb-067724e9d3094c2ac

rtb-067724e9d3094c2ac / mynewroutetable123

Actions

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details

Info

Route table ID

rtb-067724e9d3094c2ac

VPC

vpc-02881f9c51294356b | mynewvpc123

Main

No

Owner ID

825592371974

Explicit subnet associations

-

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

Tags

Feedback

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#RouteTableDetails:RouteTableId=rtb-067724e9d3094c2ac

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Peering

You successfully set the route table rtb-067724e9d3094c2ac / mynewroutetable123 as main.

VPC > Route tables > rtb-067724e9d3094c2ac

rtb-067724e9d3094c2ac / mynewroutetable123

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details

Info

Route table ID

rtb-067724e9d3094c2ac

VPC

vpc-02881f9c51294356b | mynewvpc123

Main

Yes

Owner ID

825592371974

Explicit subnet associations

-

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

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VPC > Route tables > rtb-067724e9d3094c2ac > Edit routes

Edit routes

Destination	Target	Status	Propagated
40.0.0.0/16	local	Active	No
0.0.0.0/0	igw-0e06216cb9d9ad9a0	-	No
Add route			

Cancel Preview Save changes

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#RouteTableDetails:RouteTableId=rtb-067724e9d3094c2ac

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Peering

Updated routes for rtb-067724e9d3094c2ac / mynewroutetable123 successfully

Details

VPC > Route tables > rtb-067724e9d3094c2ac

rtb-067724e9d3094c2ac / mynewroutetable123

Actions

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details

Info

Route table ID

rtb-067724e9d3094c2ac

Main

Yes

Explicit subnet associations

-

Edge associations

-

VPC

vpc-02881f9c51294356b | mynewvpc123

Owner ID

825592371974

Routes

Subnet associations

Edge associations

Route propagation

Tags

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Launch instance wiza

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1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances

1

Launch into Auto Scaling Group

Purchasing option

☐ Request Spot Instances

Network

vpc-02881f9c51294356b | mynewvpc123

Create new VPC

Subnet

subnet-0c96fb2f0d6c4a64d | mynewsubnet123 | ap-s

Create new subnet

Auto-assign Public IP

Enable

Placement group

☐ Add instance to placement group

Capacity Reservation

Open

Domain join directory

No directory

Create new directory

IAM role

None

Create new IAM role

Shutdown behavior

Stop

Cancel

Previous

Review and Launch

Next: Add Storage

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Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encryption ⓘ
Root	/dev/xvda	snap-0bdc50b291983cea	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

☐ Select an **existing** security group

Description: launch-wizard-2 created 2021-08-31T18:18:32.539+05:30

Add Rule

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. Review

Step 7: Review Instance Launch

AMI Details

Free tier eligible

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-04db49c0fb2215364

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is a...

Root Device Type: ebsVirtualization type: hvm

Edit AMI

Instance Type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	-	1	1	EBS only	-	Low to Moderate

Edit instance type

Security Groups

Security group name

launch-wizard-2

Description

launch-wizard-2 created 2021-08-31T18:18:32.539+05:30

Edit security groups

Type	Protocol	Port Range	Source	Description
------	----------	------------	--------	-------------

Cancel

Previous

Launch

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